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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Alexander Streltsov, Nicholas F. Borrelli, Charlene M. Smith, and Joseph F. Schroeder III  
APPLN. NO: 09/954,500 CONFIRMATION NO.: 8916  
FILED: 17 September 2001 ART UNIT: 1752  
TITLE: DIRECT WRITING OF OPTICAL DEVICES IN SILICA-BASED GLASS USING FEMTOSECOND PULSE LASERS

#4  
D.G.  
3-25-02

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

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This statement incorporates references previously submitted in co-pending patent Application Nos. 09/627,868 entitled "Direct Writings of Optical Devices in Silica-based Glass Using Femtosecond Pulse Lasers" which claims priority to Provisional application No. 60/146,274 filed 17 December 1999 entitled "Femtosecond Laser Writing of Glass, Including Borosilicate, Sulfide and Lead Glasses". A new Form PTO-1449 is enclosed, providing a comprehensive listing of all of these references. However, copies of the references themselves are not enclosed because these references were previously submitted in the above noted patent application.

The Examiner's attention is also directed to the Background portion of the application for a discussion of the state of the art in which the invention was made.

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For any questions on this art or the application, the Examiner is invited to call applicants' representative at the number listed below.

Respectfully submitted,

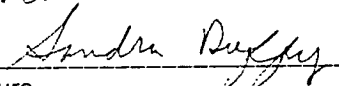


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Dated:

NOV 26 2001

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on: 26 Nov. 2001

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Date of Signature

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**Complete if Known**

<b>Application Number</b>	09/954,500
<b>Filing Date</b>	17 September 2001
<b>First Named Inventor</b>	Alexander Streltsov
Group Art Unit	1752
<b>Examiner Name</b>	Unknown
<b>Attorney Docket Number</b>	

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Sheet 1 of 4

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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	U.S. Classification (Primary Class/Subclass)
		Number	Kind Code <sup>2</sup> (if known)			
		4,270,130		Houle et al.	05-26-1981	346/77E
		4,641,924		Nagae et al.	02-10-1987	350/339R
		4,847,138		Boylan et al.	07-11-1989	428/209
		5,157,674		Lawandy	10-20-1992	372/22
		5,178,978		Zanoni et al.	01-12-1993	430/11
		5,253,198		Birge et al.	10-12-1993	365/106
		5,285,517		Wu	02-08-1994	385/142
		5,289,407		Strickler et al.	02-22-1994	365/106
		5,325,324		Rentzepis et al.	06-28-1994	365/127
		5,616,159		Araujo et al.	04-01-1997	65/17.4
		5,627,933		Ito et al.	05-06-1997	385/123
		5,656,186		Mourou et al.	08-12-1997	219/121.69
		5,675,691		Edlinger et al.	10-07-1997	385/130
		5,761,111		Glezer	06-02-1998	365/106
		5,773,486		Chandross et al,	06-30-1998	522/33
		5,841,928		Maxwell et al.	11-24-1998	385/129
		5,919,607		Lawandy	07-06-1999	430/326
		6,075,625		Ainslie et al.	06-13-2000	359/3

## FOREIGN PATENT DOCUMENTS

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, indication of the year of the reign of the Emperor must precede the serial number of the document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under the WIPO Standard ST.16, if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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STATEMENT BY APPLICANT

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Sheet 3 of 4

Application Number	09/954,500
Filing Date	17 September 2001
First Named Inventor	Alexander Streltsov
Group Art Unit	1752
Examiner Name	Unknown
Attorney Docket Number	

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## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	T <sup>2</sup>
		HPFS® Standard Grade, <a href="http://www.hpfs.corning.com">www.hpfs.corning.com</a> , Corning Incorporated, May 1999.	
		HPFS® Arf Grade, <a href="http://www.hpfs.corning.com">www.hpfs.corning.com</a> , Corning Incorporated, May 1999.	
		HPFS® KrF Grade, <a href="http://www.hpfs.corning.com">www.hpfs.corning.com</a> , Corning Incorporated, May 1999.	
		Indigo – DUV, Positive Light, <a href="http://www.poslight.com">www.poslight.com</a> , May 2000.	
		Indigo – SLM, Positive Light, <a href="http://www.poslight.com">www.poslight.com</a> , October 1999.	
		Custom Lasers, Positive Light, <a href="http://www.poslight.com">www.poslight.com</a> , October 1999.	
		Positive Light New Products, <a href="http://www.hpfs.corning.com">www.hpfs.corning.com</a> , September 21, 2000.	
		Coherent, Innova Sabre FRED Technical Data, Frequency-Doubled Ion Laser System, copyright 1996.	
		Coherent – Laser Applications – Lithography, <a href="http://www.coherentinc.com">www.coherentinc.com</a> , September 21, 2000.	
		Coherent – Products – Lasers – Ion – Innova Sabre FRED, <a href="http://www.coherentinc.com">www.coherentinc.com</a> , September 21, 2000.	
		CYMER®, Cymer, Products; Background, <a href="http://www.cymer.com">www.cymer.com</a> , September 21, 2000.	

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SignatureDate  
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Dossier: 09954500

Legal Date: 01-11-2002

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